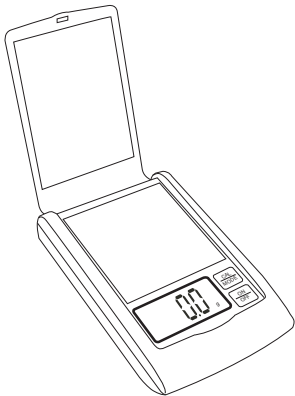


**FAST  WEIGH**

# **TS-Series**

*Digital Pocket Scale*



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**TS-50**

**TS-100**

**TS-500**

*User Manual*

## TS-Series Manual

Thank you for purchasing the Fast Weigh TS-Series digital scale. Please read all operating instructions carefully before use. This electronic scale is a precision instrument. With normal care and proper treatment, it will provide years of reliable service. Never load the scale with more than the maximum capacity. Overloading will permanently damage it! Avoid any exposure to extreme heat or cold. Your scale works better when operated at normal room temperature. Always allow the scale to acclimatize to normal room temperature for at least one hour before use.

Give your scale sufficient warm up time. Usually 30-60 seconds before calibration to give the internal components a chance to stabilize.

Keep your scale in a clean environment. Dust, dirt, moisture, vibration, air currents and a close distance to other electronic equipment can all cause an adverse effect on the reliability and accuracy of your scale.

Handle with care. Gently apply all items to be weighed onto tray top. Although this scale is designed to be quite durable, try to avoid rough treatment as this may permanently damage the internal sensor.

Avoid shaking, dropping or otherwise shocking the scale. This is a precision instrument and must be handled with extreme care.

**Only operate the scale on a stable, vibration free surface.**

## **I. OPERATION**

Insert batteries and place the scale on a flat surface.

1. Press the [ON/TARE] key.
2. Wait until "0.0" or "0.00" is displayed.
3. Put the object(s) on the weighing platform.
4. Using the [CAL/MODE] key, you can switch between different weighing units.

## **II. TARE WEIGHING**(subtracts the weight of a container.)

1. Turn on scale as described above.
2. Place the "tare item" (container) on the platform.
3. Press [ON/TARE] and wait until "0.0" or "0.00" is displayed.
4. Add the "net-weight-item" (weight of contents only).

## **III. CALIBRATION**

Calibration is not required before first use. Only calibrate if scale is not weighing properly.

**TS-500 - uses a 500g calibration weight**

**TS-100 - uses a 100g calibration weight (see next page)**

**TS-50 - uses a 50g calibration weight**

### **A. TS-50 & TS-500 Calibration:**

1. Turn OFF the scale.
2. Press and hold the [CAL/MODE] key and [ON/TARE] key at the same time until the display shows a random number (~8000-2000).
3. Release the [ON/TARE] key and [CAL/MODE] keys.
4. Press the ON/TARE key again. The display will show AL 0 followed by the required calibration weight.

Place the required weight on the scale.

5. Press ON/TARE once more. If the display shows AL F, calibration is complete! AL E means calibration failure - Repeat steps 1 - 5.

## **B. TS-100 Calibration**

TS-100 - uses a 100g calibration weight

1. Turn OFF the scale.

2. Press and hold the [MODE] key and [POWER/TARE] key at the same time until the display shows a random number.

3. Release the [POWER/TARE] key and [MODE] keys.

4. Press the [POWER/TARE] key again. The display will show AL 0 followed by the required calibration weight. Place the required weight on the scale.

5. Once the scale is stable, the LCD will display AL F. Calibration is complete! AL E means calibration failure (Repeat steps 1 - 5)

## **VI. TROUBLESHOOTING**

The primary reasons for inaccuracy or malfunction are low batteries, incorrect calibration, overload or operating on an unstable surface.

**[Display]** Elimination of errors

**[LO-]** Replace the batteries.

**[O-Ld]** You are overloading the scale. Remove the excessive load immediately!

**[AL E]** A calibration error has occurred.

# Specifications

Model	TS-50	TS-100	TS-500
Capacity	50g / 1.764oz / 772gn / 250ct	100g / 3.528oz / 500ct / 1543gn	500g / 17.64oz / 16.08oz / 321.5dwt
Resolution	0.01g / 0.001oz / 0.2gn/ 0.05ct	0.01g / 0.001oz / 0.2gn/ 0.05ct	500g / 17.64oz / 16.08oz / 321.5dwt
Calibration Weight	50g	100g	500g
Dimensions	3.5 x 2.25 x 0.6 "		
Power	two CR2032 Batteries		
Warranty	5 Year Warranty		